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FROM: _Ed Green_

DATE: _6/6/02_

FILE NO: _Ser. No. 09/035,944_

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COMMENTS:

Mr. Craver -
   Please review. I request a
telephone interview this afternoon.
                                    Ed Green

NOTE: This information is privileged and confidential and intended ONLY for the individual or entity named above. If you should receive this transmission in error, please notify our office and return the original to the above address via the U.S. Postal Service.

Operator: _____

Serial No. 09/035,944
Mr. Craver:

For discussion —
DO NOT ENTER
IN FILE

I have just taken over prosecution of this case from another law firm, and I am trying to understand your § 103 rejection. I would like to call you today to discuss this case. In advance of that discussion, my understanding of the invention and references is outlined below:

Claim 1 recites a receiver with an LNA, where the <u>input intercept point</u> (IIP) of the LNA is adjusted based on a computed <u>error rate</u>.

Rich discloses a receiver where the <u>gain</u> is adjusted by an error rate.

gain

Younis discloses a receiver where the IIP of an LNA is adjusted by the amount of <u>non-linearity</u> in the received signal, as indicated by the <u>RSSI slope</u>. The RSSI slope is compared to a <u>RSSI threshold</u>, which may be altered based on an error rate.

Even assuming that there exists a motivation to modify Rich with the LNA of Younis, the result is either:

①The Rich receiver where the amp is an LNA, with the <u>gain</u> of the LNA adjusted by an ~~error rate~~ IIP *which is based in part on error rate*, or

2. The Rich receiver with the gain adjusted by an error rate, with an <u>additional</u> LNA whose IIP is adjusted by the <u>non-linearity</u> of the received signal.

Neither yields the invention of claim 1.

The disclosure in Rich of <u>something</u> adjusted by an error rate; and the disclosure in Younis of the IIP of an LNA being adjusted by <u>something</u>; cannot render obvious the adjustment of the IIP of an LNA by an error rate. Such a result is not a <u>modification</u> of the teaching of Rich based on a disclosure by Younis – it is a completely new invention.